

Water *for* a Desert City

The Latest News About Tucson Water's Clearwater Renewable Resource Facility

September 2000

Clearwater Pipeline - Phase I Pipeline Trenching Along Irvington Road Reaches Camino Verde

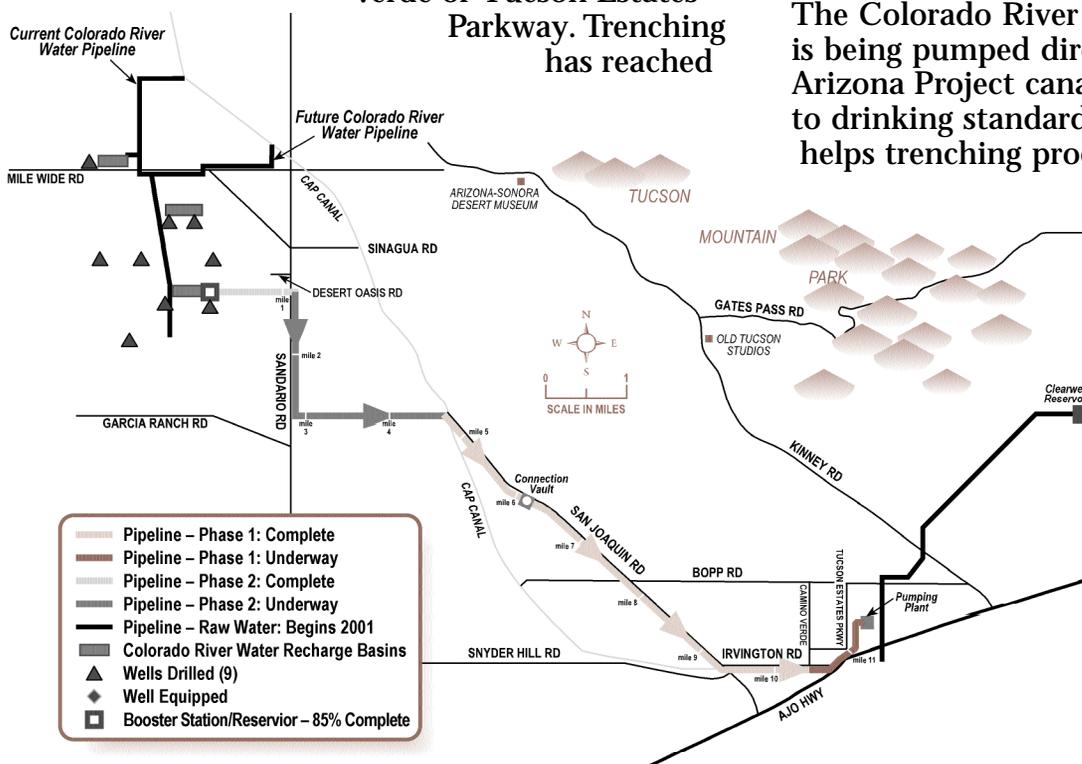
Construction of Phase I of the Clearwater pipeline is continuing east of San Joaquin Road along Irvington Road. All streets between Palant Drive and Camino Verde are temporarily closed. All residents living in this area are asked to use Oklahoma Street to access Camino Verde or Tucson Estates Parkway. Trenching has reached

Camino Verde. This road will not be closed and traffic will be detoured along the shoulder. Trenching will continue east to Tucson Estates Parkway.

The pre-wet system previously used along San Joaquin Road has been set up on Irvington. The Colorado River water used in this system is being pumped directly from the Central Arizona Project canal and has not been treated to drinking standards. Soaking the ground helps trenching proceed more rapidly and also

helps keep dust to a minimum. The majority of the water trucks being used in the construction area are also utilizing water from the Central Arizona Project canal.

SAFETY TIP: Reduced speed limits will continue to be in effect along parts of San Joaquin Road until all facets of the project are complete.



Clearwater Pipeline - Phase II Construction on Sandario Road Will Reduce Traffic to One Lane

Tucson Water and Borderland Construction are making progress on Phase II of the Clearwater Pipeline at the north end of the project. Due to trenching work along the east side of Sandario Road, traffic restrictions will be in effect for approximately two months from Desert Oasis Trail south on Sandario Road for about two miles. **From 6:00 a.m. to 6:00 p.m., Monday through Friday, traffic will be reduced to one lane only for both northbound and southbound traffic.** All motorists should remain alert and be aware of construction equipment and workers along the side of the road. Reduced speed limits will be in effect and flaggers and barricades will direct you through the traffic restrictions. Delays should be minimal.

Currently, Borderland Construction is working from 6:00 a.m. to 6:00 p.m., Monday through Friday. This schedule is subject to change as work progresses on the project. We will continue to keep area residents updated, and everything possible will be done to keep noise and dust to a minimum. As always, we appreciate your patience and understanding. As a **safety reminder**, please ask children to avoid the construction area. Dirt berms and flagging will be placed in areas that are off limits at the end of each workday. The project has experienced damage to equipment which has resulted in construction delays.

Collector Pipeline Work

Tucson Water has given Ames Construction the go-ahead to begin construction of the collector pipeline system that



will link the nine new wells recently drilled at Clearwater. This pipeline will transport the blend of recharged Colorado River water and groundwater to the new Clearwater reservoir and booster station. This is a large project with a short timeline – the placement of 61,000 linear feet of large diameter pipe must be complete in January 2001.

Tucson Water Engineer Pat Eisenberg checks plans for the Clearwater collector pipeline system.

Clearwater Information Desk

If you have questions about the construction of the Clearwater Renewable Resource Facility in Avra Valley, please call the Project Hotline – 885-8010.

If you have questions about the new Tucson Water – the blend that will be naturally created at Clearwater, or if you would like to have your name added to the mailing list for this newsletter, please call Tucson Water’s Public Information Office – 791-4331.

It takes a team to Beat The Peak. For information about how you can conserve water, call Tucson Water’s Water Conservation Office – 791-4556.

Pat Eisenberg of Tucson Water is the Engineering Project Manager for the collector pipeline project. Pat is also the program manager for the Water Main Replacement Program, so she is familiar with major construction activity on a tight schedule. In addition, she is the incoming vice president for the state section of the American Society of Civil Engineers. “The Clearwater Renewable Resource Facility is an enormous engineering project, made possible by the skills of many civil engineers and hydrologists,” she says. “Many Tucson Water employees, from surveying to operations, play critical roles in this project as well. This is a team effort and everyone involved is working hard to make it a success.”

Clearwater Q & A

What will be done about mosquito control around the basins?

Wave action in the recharge basins typically prevents the breeding of mosquitoes. In fact, no mosquito larvae have been observed in any of the standing water at the Clearwater Facility. Nevertheless, to ensure effective mosquito control, the wet cycles of the recharged basins are reduced to seven days during the prime mosquito breeding months of June through September. This short wet period will disrupt the life cycle of any mosquitoes that may be present.

How will water quality be monitored?

Water quality at Clearwater will be monitored at these locations:

- a *At 11 monitor wells near the Clearwater recharge basins.*
- a *At each recovery well where the blended water is pumped from the ground.*
- a *At the point where the water enters and leaves the Hayden-Udall Water Treatment Facility.*
- a *At 258 monitoring points within the city’s water distribution system.*

Twenty-two on-line monitoring stations will collect real-time water quality data and transmit it to central Tucson Water facilities where it will be made available to the public via the internet and other methods. We will bring you more information about water quality reporting in future newsletters.



“The Future is Crystal Clear”

Water for a Desert City is produced by Tucson Water to keep our customers informed about this important water resource project. The City of Tucson TTY number is 791-2639; Tucson Water’s webpage address is <http://www.ci.tucson.az.us/water/>. Para recibir esta información en español, llame por favor, 791-4331.